



NDMS Laboratory Services

Laboratory Cache

Presented by

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Outline

- NDMS Laboratory Mission Statement
- License and Accreditation of NDMS Laboratory Services
- NDMS Laboratory Cache Overview
- Standard Operating Procedures
- Field Re-Supply
- Current Training
- New Items for 2007 Growth of Laboratory Diagnostics

Laboratory Mission Statement

We are committed to deliver a quality laboratory system to the designated Medical Disaster Team, in a timely manner so that the assigned medical mission will be successful in meeting the diagnostic needs of the disaster situation within the United States or internationally.

- **CLIA License 21D-104-8321**
- **Copy of CLIA license sent to all teams last year along with instructions of when to use and how to display**
- **COLA accredited in December 2006**
- **License held at Headquarters**

Basic Laboratory Cache



Laboratory Cache

- Cache is delivered with the pharmacy cache on a temperature controlled truck maintained at approximately 65 degrees F.
- NDMS Basic Cache consists of:
 - i-stat cartridges
 - urine dipsticks
 - Pregnancy kits
 - Rapid cardiac markers
 - Controls
 - Glucometers/glucometer control solution/reagent sticks
- Cache is to be maintained on site at 65 degrees F for proper storage.

Laboratory Cache Plus

- To be used with MICU or when leadership needs more definitive field care.
- Cache is delivered with the pharmacy cache on a temperature controlled truck maintained at approximately 65 degrees F.
- NDMS Lab Cache Plus consists of:
 - All basic cache supplies
 - Piccolo Chemistry Analyzer (comprehensive chemistries including liver enzymes, amylase, basic metabolic profiles)
 - Coulter ACT Hematology Analyzer (complete blood cell counts – wbc, rbc, hemoglobin, hematocrit, RBC indices, platelet counts, lymphocyte percentage and lymphocyte absolute counts)
 - Rapid Tests (strep, mono, ddimer, occult blood)
 - Prothrombin time cartridges for the i-stat
 - Clinitek 50 urine analyzer
- Cache is to be maintained on site at 65 degrees F for proper storage.

Standard Operation Procedures

- NDMS Laboratory SOP is available for guidance and is shipped with the basic and plus caches
- NDMS Safety Guidelines should be followed at all times while handling blood and body fluids
- All critical values should be called to the immediate care provider
- Controls should be ran and documented prior to using instrumentation
- Cache is issued to DMAT team deployed.

Field Re-Supply Requests

- Reorder requests are sent to the Incident response commander who signs and sends to the ICRT field logistics team member.
- Once an order is approved in the field the request is sent to HHS.....details being worked out with HHS logistics and SOP's are being written

Lab Plus Cache



Current Training

- CD's with videos are sent to the teams
- Teams use videos and capture hands on time with i-stat
- Abbott representatives are sent out to the team locations
- Team trainers document personnel and fax back a copy of the training for Laboratory CLIA compliance

New Items for 2007

- Solicitation from TWG members for the development of Identification of NDMS personnel with Clinical Science Background
- Laboratory specific training modules
- Cache alignment within the HHS logistical framework
- Capturing Quality Assurance and Process Improvement from field operations



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Comments and Questions